

WHAT IS CLAIMED IS:

1. A link assembly for connectors, comprising:

a main body, having a guide channel disposed at one end surface, a positioning channel disposed at both ends of said guide channel, a terminal channel disposed at both vertical sides of said guide channel, and a ground wire hole disposed between said two terminal channels;

a live wire and neutral terminal module, having an insulated axle rod installed at both ends of said live and neutral terminal module and connected to the interior of said main body, such that said two terminals being turned round and extended out of said terminal channel, wherein at least one latch is extended from the rear side of said axle rod;

a ground terminal module, having an insulated base installed at one end of a ground terminal, a latch groove disposed along the longitudinal direction, and a blocking member protruded from the bottom;

a push rod, having a resilient member coupled to the bottom of said push rod and inserted into said latch channel, at least one support member protruded from the upper wall of said push rod corresponding to said positioning channel;

said live terminal and neutral terminal being bent directly under said terminal channels and turned round to extend out from said terminal channel to define a 2-terminal connector; and alternatively said push rod being pushed to drive the support member to move down in said positioning channel and press on the inner wall of said terminal channel and push said support member forward to another end of said positioning channel, and said support member being latched by the extension of said resilient member, and said ground terminal being extended out from said ground wire hole, and said live terminal and neutral terminal being turned round and extended out from said terminal channels such that the latch presses said support member to constitute a 3-terminal connector.

2. The link assembly for connectors of claim 1, wherein said main body comprises an upper casing and a lower casing coupled with each other.

3. The link assembly for connectors of claim 1, wherein said main body comprises a connector module having a live wire insert hole, a neutral wire insert hole, and a ground wire insert hole, said each insert hole having a live wire connecting plate, a neutral wire connecting plate, and a ground wire connecting plate, and each connecting plate is electrically connected to said live, neutral, and ground terminals respectively.

4. The link assembly for connectors of claim 1, wherein said positioning channel and said rod latch are in the shape of across.

5. The link assembly for connectors of claim 1, wherein said axle rod is pressed and fixed by a limit press board disposed in said main body, and both ends of said axle ring is coupled by an axle arc on said limit press board, and both ends of a long protrusion protruded from the periphery of said ring are in contact with both ends of said axle arc to define an turning angle.

6. The link assembly for connectors of claim 1, wherein said ground terminal at its end comprises a pair of clamping plates for clamping said ground connecting plate.

7. The link assembly for connectors of claim 1 further comprising a latch device installed at the opening above said ground wire hole between said two terminal channels and being sheathed into a seal lid by a contractible member and one side of said blocking plate being extended out from said plate groove of said seal lid to shut a terminal channel, and an aslant surface being disposed on said contractible member, and a resilient member being coupled indirectly to said latch on the other side of said seal lid; a sliding member being protruded from the base of said ground terminal corresponding to said aslant surface, such that said sliding member moves forward and touches said aslant surface to moves its side and said blocking plate being withdrawn into said seal lid to open said terminal channel and turn said live terminal and neutral terminals round.